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Practitioner's Docket No. 939_014

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A
PATENT

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NEW APPLICATION TRANSMITTAL

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on October 11, 2000 under "EXPRESS MAIL." mailing label number EL692672580US.

Elizabeth A. VanAntwerp
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Box Patent Application
Assistant Commissioner for Patents
Washington D.C. 20231

Transmitted herewith for filing is the patent application of:

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Title: ABSOLUTE VALUE CALCULATING ELEMENT

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

8 Page(s) of Specification
2 Page(s) of Claims
1 Page(s) of Abstract
2 Sheets of Formal Drawings (Figs. 1-4)

B. Other Papers Enclosed

A Patent Application Bibliographic Data Sheet
 A Preliminary Amendment
 A combined Declaration and Power of Attorney
 An Information Disclosure Statement
 PTO Form-1449
 An Assignment Transmittal and Assignment of the invention to
NGK Insulators, Ltd.

2. Additional Papers to Follow Under Separate Cover

A Claim for Priority and a certified copy of 11-323,206 filed November 12, 1999 in Japan

3. Small Entity Status

A statement that this filing is by a small entity is attached.
 A separate refund request accompanies this paper.
 was filed on _____ (original).

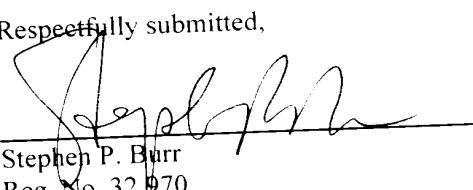
4. The filing fee has been calculated as shown below:

A. Filing Fee	\$ 710.00
<input checked="" type="checkbox"/> Original Patent Application (37 C.F.R. 1.16(a))-\$710.00; Small Entity--\$355.00	
B. Fees for Claims (5 Claims; 1 Indep.)	
<input type="checkbox"/> each independent claim in excess of 3 (37 C.F.R. 1.16(b))-\$80.00; small entity--\$40.00	\$.00
<input type="checkbox"/> each claim in excess of 20 (37 C.F.R. 1.16(c))-\$18.00; small entity--\$9.00	\$.00
<input type="checkbox"/> multiple dependent claim(s) (37 C.F.R. 1.16(d))-\$270.00; small entity--\$135.00	\$.00
C. <input checked="" type="checkbox"/> Assignment Fee	\$ 40.00
Total Fees Due	\$ 750.00

5. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

A check in the amount of \$750.00 is enclosed.
 The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
 Any additional filing fees required under 37 CFR 1.16.
 Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,


 Stephen P. Burr
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October 11, 2000

Date

SPB/eav

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